

Figure 1 consists of 12 histograms arranged vertically, labeled $k=0$ through $k=11$. Each histogram shows the frequency of the number of non-zero elements in the vector x_k . The x-axis for all plots is 'Number of non-zero elements' with major ticks at 0, 20, 40, 60, 80, and 100. The y-axis is 'Frequency' with major ticks at 0, 2, 4, 6, 8, and 10. For $k=0$ to $k=11$, the distributions are highly concentrated at 0, with a frequency of 10 for $k=0$ and decreasing to 1 for $k=11$. There are no non-zero elements in x_k for any of the k values shown.

BY:

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